



GENERAL NOTES:

PROVIDE PRECAST MANHOLE COMPONENTS WHICH COMPLY WITH AASHTO M199.  
ASSEMBLE RISERS AND GRADE RINGS SO STEPS HAVE A SPACING OF 12" FROM  
THE TOP TO THE BOTTOM OF THE MANHOLE.

WHERE THE MANHOLE IS EXPOSED TO ROADWAY TRAFFIC, PLACE THE TOP OF  
THE MANHOLE FLUSH WITH THE GROUND; AND AT OTHER LOACTIONS PLACE  
THE TOP A MINIMUM OF 9" ABOVE THE GROUND.

REINFORCED CONCRETE FOOTING IS REQUIRED WHEN THE MANHOLE IS OVER 12'  
OR ON A POOR SOIL BASE. THE FOOTING AND BASE SECTION MAY BE PRECAST.

